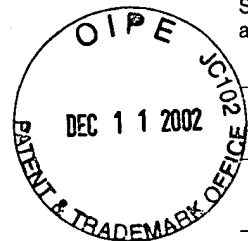


S.N. 09/681,374

RD-27,727

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#5/2875  
1/2/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of  
XIAO-DONG SUN et al.  
Serial No. 09/681,374  
Filed: March 27, 2001

: Group Art Unit: 2875  
: Examiner: PETER J. MACCHIAROLO  
: Response to Paper No. 4

For: ELECTRON EMITTER INCLUDING CARBON  
NANOTUBES AND ITS APPLICATION IN GAS  
DISCHARGE DEVICES

RECEIVED  
DEC 13 2002  
TECHNOLOGY CENTER 2800

**REPLY TO OFFICE ACTION UNDER 37 C.F.R. § 1.111(a)**

HONORABLE ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231

Sir:

Please amend the above-identified application as follows:

**In the Specification:**

Please amend paragraph 8 to read as follows:

-- In general, the present invention provides a composition for electron emitters or cathodes of gas discharge devices that can overcome many disadvantages of cathodes of prior-art devices. In the present disclosure, "electron emitters" and "cathodes" are used interchangeably to mean devices, apparatuses, or structures that are capable of providing a stream or a burst of free electrons. The composition of the present invention comprises a

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